

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/501,566B
Source: JFWP
Date Processed by STIC: 06/29/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/501,566B

DATE: 06/29/2006

TIME: 15:03:40

Input Set : A:\3015US0P.SEQ.txt

Output Set: N:\CRF4\06292006\J501566B.raw

3 <110> APPLICANT: UNO, Yumiko
 4 HIKICHI, Yukiko
 5 SAGIYA, Yoji
 6 NAKANISHI, Atsushi
 8 <120> TITLE OF INVENTION: Novel Protein and its DNA
 10 <130> FILE REFERENCE: 3015US0P
 12 <140> CURRENT APPLICATION NUMBER: US 10/501,566B
 13 <141> CURRENT FILING DATE: 2004-07-15
 15 <150> PRIOR APPLICATION NUMBER: PCT/JP03/00311
 16 <151> PRIOR FILING DATE: 2003-01-16
 18 <150> PRIOR APPLICATION NUMBER: JP 2002-10840
 19 <151> PRIOR FILING DATE: 2002-01-18
 21 <150> PRIOR APPLICATION NUMBER: JP 2002-15995
 22 <151> PRIOR FILING DATE: 2002-01-24
 24 <150> PRIOR APPLICATION NUMBER: JP 2002-25662
 25 <151> PRIOR FILING DATE: 2002-02-01
 27 <150> PRIOR APPLICATION NUMBER: JP 2002-25706
 28 <151> PRIOR FILING DATE: 2002-02-01
 30 <150> PRIOR APPLICATION NUMBER: JP 2002-30015
 31 <151> PRIOR FILING DATE: 2002-02-06
 33 <150> PRIOR APPLICATION NUMBER: JP 2002-33111
 34 <151> PRIOR FILING DATE: 2002-02-08
 36 <150> PRIOR APPLICATION NUMBER: JP 2002-45058
 37 <151> PRIOR FILING DATE: 2002-02-21
 39 <150> PRIOR APPLICATION NUMBER: JP 2002-46951
 40 <151> PRIOR FILING DATE: 2002-02-22
 42 <160> NUMBER OF SEQ ID NOS: 172
 44 <210> SEQ ID NO: 1
 45 <211> LENGTH: 377
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Human
 49 <400> SEQUENCE: 1
 50 Met Arg Ala Asn Cys Ser Ser Ser Ala Cys Pro Ala Asn Ser Ser
 51 5 10 15
 52 Glu Glu Glu Leu Pro Val Gly Leu Glu Val His Gly Asn Leu Glu Leu
 53 20 25 30
 54 Val Phe Thr Val Val Ser Thr Val Met Met Gly Leu Leu Met Phe Ser
 55 35 40 45
 56 Leu Gly Cys Ser Val Glu Ile Arg Lys Leu Trp Ser His Ile Arg Arg
 57 50 55 60
 58 Pro Trp Gly Ile Ala Val Gly Leu Leu Cys Gln Phe Gly Leu Met Pro
 59 65 70 75 80
 60 Phe Thr Ala Tyr Leu Leu Ala Ile Ser Phe Ser Leu Lys Pro Val Gln

(Pg. 6)

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61	85	90	95
62	Ala Ile Ala Val Leu Ile Met Gly Cys Cys Pro Gly Gly Thr Ile Ser		
63	100	105	110
64	Asn Ile Phe Thr Phe Trp Val Asp Gly Asp Met Asp Leu Ser Ile Ser		
65	115	120	125
66	Met Thr Thr Cys Ser Thr Val Ala Ala Leu Gly Met Met Pro Leu Cys		
67	130	135	140
68	Ile Tyr Leu Tyr Thr Trp Ser Trp Ser Leu Gln Gln Asn Leu Thr Ile		
69	145	150	155
70	160	165	170
71	Pro Tyr Gln Asn Ile Gly Ile Thr Leu Val Cys Leu Thr Ile Pro Val		
72	180	185	190
73	195	200	205
74	Ile Leu Lys Ile Gly Ala Val Val Gly Gly Val Leu Leu Leu Val Val		
75	210	215	220
76	Ala Val Ala Gly Val Val Leu Ala Lys Gly Ser Trp Asn Ser Asp Ile		
77	225	230	235
78	240	245	250
79	Thr Leu Leu Thr Ile Ser Phe Ile Phe Pro Leu Ile Gly His Val Thr		
80	260	265	270
81	Gly Phe Leu Leu Ala Leu Phe Thr His Gln Ser Trp Gln Arg Cys Arg		
82	270	275	280
83	290	295	300
84	295	300	305
85	310	315	320
86	325	330	335
87	340	345	350
88	355	360	365
89	370	375	
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91	<211> LENGTH: 1131		
92	<212> TYPE: DNA		
93	<213> ORGANISM: Human		
94	<400> SEQUENCE: 2		
95	atgagagcca attgttccag cagtcagcc tgccctgcc aacagttcaga ggaggagctg	60	
96	ccagtgggac tggaggtgca tggaaacctg gagctcggtt tcacagtggt gtccactgtg	120	
97	atgatggggc tgctcatgtt ctctttggg tggccgtgg agatccggaa gctgtggcg	180	
98	cacatcagga gaccctgggg cattgctgtg ggactgctct gccagtttgg gctcatgcct	240	
99	tttacagctt atctcctggc cattagctt tctctgaagc cagtccaagc tattgctgtt	300	
100	ctccatcatgg gctgctgccc gggggcacc atctctaaca tttcacctt ctgggttcat	360	
101	ggagatatgg atctcagcat cagttatgaca acctgttcca ccgtggccgc cctggaaatg	420	

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112 atgccactct gcatttatct ctacacctgg tcctggagtc ttcagcagaa tctcaccatt	480
113 ccttatacaga acataggaat tacccttgc tgccctgacca ttccctgtggc ctttgggtgc	540
114 tatgtgaatt acagatggcc aaaacaatcc aaaatcattc tcaagattgg ggcgcgttgg	600
115 ggtgggggtcc tccttctggt ggtcgacgtt gctgggtgtgg tcctggcgaa aggatcttgg	660
116 aattcagaca tcacccttct gaccatcagt ttcatcttc ctttggattgg ccatgtcacg	720
117 gttttctgc tggcactttt taccaccag tcttggcaaa ggtgcaggac aatttcctta	780
118 gaaaactggag ctcagaatat tcaatgtgc atcaccatgc tccagttatc tttcactgct	840
119 gagcaattgg tccagatgtt gagttccca ctggcctatg gactcttcca gctgatagat	900
120 ggatttctta ttgttgcagc atatcagacg tacaagagga gattgaagaa caaacatgg	960
121 aaaaagaact caggttgcac agaagtctgc catacgagga aatcgacttc ttccagagag	1020
122 accaatgcct tcttggaggt gaatgaagaa ggtccatca ctccctggcc accaggccca	1080
123 atggattgcc acaggcgtct cgagccagg tggccacatca cttcatgtga a	1131
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126 <211> LENGTH: 24	
127 <212> TYPE: DNA	
128 <213> ORGANISM: Artificial Sequence	
130 <220> FEATURE:	
131 <223> OTHER INFORMATION: Primer	
133 <400> SEQUENCE: 3	
134 aatgctgcct taaggagatg agga	24
136 <210> SEQ ID NO: 4	
137 <211> LENGTH: 24	
138 <212> TYPE: DNA	
139 <213> ORGANISM: Artificial Sequence	
141 <220> FEATURE:	
142 <223> OTHER INFORMATION: Primer	
144 <400> SEQUENCE: 4	
145 cactggccct accaacaaga ttca	24
147 <210> SEQ ID NO: 5	
148 <211> LENGTH: 24	
149 <212> TYPE: DNA	
150 <213> ORGANISM: Artificial Sequence	
152 <220> FEATURE:	
153 <223> OTHER INFORMATION: Primer	
155 <400> SEQUENCE: 5	
156 atgagagcca attgtccag cagc	24
158 <210> SEQ ID NO: 6	
159 <211> LENGTH: 24	
160 <212> TYPE: DNA	
161 <213> ORGANISM: Artificial Sequence	
163 <220> FEATURE:	
164 <223> OTHER INFORMATION: Primer	
166 <400> SEQUENCE: 6	
167 ccagccagct agtccctgct attc	24
169 <210> SEQ ID NO: 7	
170 <211> LENGTH: 18	
171 <212> TYPE: DNA	
172 <213> ORGANISM: Artificial Sequence	
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175 <223> OTHER INFORMATION: Primer
 177 <400> SEQUENCE: 7
 178 atttaggtga cactata 18
 180 <210> SEQ ID NO: 8
 181 <211> LENGTH: 19
 182 <212> TYPE: DNA
 183 <213> ORGANISM: Artificial Sequence
 185 <220> FEATURE:
 186 <223> OTHER INFORMATION: Primer
 188 <400> SEQUENCE: 8
 189 aatacga 19
 190 cactata
 191 <210> SEQ ID NO: 9
 192 <211> LENGTH: 24
 193 <212> TYPE: DNA
 194 <213> ORGANISM: Artificial Sequence
 196 <220> FEATURE:
 197 <223> OTHER INFORMATION: Primer
 199 <400> SEQUENCE: 9
 200 ttcgcc 24
 201 caggag
 202 <210> SEQ ID NO: 10
 203 <211> LENGTH: 24
 204 <212> TYPE: DNA
 205 <213> ORGANISM: Artificial Sequence
 207 <220> FEATURE:
 208 <223> OTHER INFORMATION: Primer
 210 <400> SEQUENCE: 10
 211 agttgctgg 24
 212 gtggcctgg
 213 <210> SEQ ID NO: 11
 214 <211> LENGTH: 1152
 215 <212> TYPE: DNA
 216 <213> ORGANISM: Human
 218 <400> SEQUENCE: 11
 219 atgagagcca 60
 220 attgtccag cagtcagcc tgccctgcca acagttcaga ggaggagctg
 221 ccagtggac tggaggtgca tggaaacctg gagctcg 120
 222 tttt tcacagtggt gtcactgtg
 223 atgatggggc tgctcatgtt ctcttgg 180
 224 cacatcagga gaccctgggg cattgctgtg ggactgct 240
 225 ttacagctt atctcctggc cattagctt tctctga 300
 226 ctcatcatgg gctgctgccc gggggcacc atctctaaca 360
 227 tttcac 300
 228 ttttcttgc 360
 229 ttttgc 420
 230 ttttgc 480
 231 ttttgc 540
 232 ttttgc 600
 233 ttttgc 660
 234 ttttgc 720
 235 ttttgc 780
 236 ttttgc 840
 237 ttttgc 900
 238 ttttgc 960
 239 ttttgc 1020

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236 accaatgcct	tcttgagggt	aatgaagaa	ggtgcacca	ctcctggcc	accagggcca	1080
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238 ctagctggct	gg					1152
240 <210>	SEQ ID NO:	12				
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247 ccagtggac	tggagggtgca	tggaaacctg	gagctcggtt	tcacagtgg	gtccactgtg	120
248 atgatggggc	tgctcatgtt	ctcttggg	tgttccgtgg	agatccggaa	gctgtggc	180
249 cacatcagga	gaccctgggg	cattgctgt	ggactgctct	gccagtttg	gctcatgcct	240
250 ttacagctt	atctcctggc	cattagctt	tctctgaagc	cagtccaa	gcttgcatt	300
251 ctcatcatgg	gctgctgccc	ggggggcacc	atctcta	tttccac	tttgcatt	360
252 ggagatatgg	atctcagcat	cagtatgaca	acctgttcca	ccgtggccgc	cctgggaatg	420
253 atgccactct	gcatttatct	ctacacctgg	tcctggagtc	ttcagcagaa	tctcaccatt	480
254 ctttatcaga	acataggaat	tacccttgg	tgcctgacca	ttcctgtggc	ctttgggtgc	540
255 tatgtgaatt	acagatggcc	aaaacaatcc	aaaatcattc	tcaagattgg	ggccgttgg	600
256 ggtggggtcc	tccttctgg	ggtcgcagg	gctgggtgg	tcctggcgaa	aggatcttgg	660
257 aattcagaca	tcacccttct	gaccatcagt	ttcatcttc	ctttgattgg	ccatgtc	720
258 gttttctgc	tggactttt	tacccaccag	tcttggcaaa	ggtgcaggac	aattcctta	780
259 gaaactggag	ctcagaat	tcaatgtgc	atcaccatgc	tccaggat	tttactgct	840
260 gacacttgg	tccagatgtt	gagtttcca	ctggcctatg	gacttcca	gctgatagat	900
261 ggatttctta	ttgttgcagc	atatcagacg	tacaagagga	gattgaagaa	caaacatgg	960
262 aaaaagaact	caggttgcac	agaagtctgc	catacgagga	aatcgactt	ttccagagag	1020
263 accaatgcct	tcttgagggt	aatgaagaa	ggtgcacca	ctcctggcc	accagggcca	1080
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265 ctagctggct	gg					1152
267 <210>	SEQ ID NO:	13				
268 <211>	LENGTH:	1131				
269 <212>	TYPE:	DNA				
270 <213>	ORGANISM:	Human				
272 <400>	SEQUENCE:	13				
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274 ccagtggac	tggagggtgca	tggaaacctg	gagctcggtt	tcacagtgg	gtccactgtg	120
275 atgatggggc	tgctcatgtt	ctcttggg	tgttccgtgg	agatccggaa	gctgtggc	180
276 cacatcagga	gaccctgggg	cattgctgt	ggactgctct	gccagtttg	gctcatgcct	240
277 ttacagctt	atctcctggc	cattagctt	tctctgaagc	cagtccaa	gcttgcatt	300
278 ctcatcatgg	gctgctgccc	ggggggcacc	atctcta	tttccac	tttgcatt	360
279 ggagatatgg	atctcagcat	cagtatgaca	acctgttcca	ccgtggccgc	cctgggaatg	420
280 atgccactct	gcatttatct	ctacacctgg	tcctggagtc	ttcagcagaa	tctcaccatt	480
281 ctttatcaga	acataggaat	tacccttgg	tgcctgacca	ttcctgtggc	ctttgggtgc	540
282 tatgtgaatt	acagatggcc	aaaacaatcc	aaaatcattc	tcaagattgg	ggccgttgg	600
283 ggtggggtcc	tccttctgg	ggtcgcagg	gctgggtgg	tcctggcgaa	aggatcttgg	660
284 aattcagaca	tcacccttct	gaccatcagt	ttcatcttc	ctttgattgg	ccatgtc	720
285 gttttctgc	tggactttt	tacccaccag	tcttggcaaa	ggtgcaggac	aattcctta	780
286 gaaactggag	ctcagaat	tcaatgtgc	atcaccatgc	tccaggat	tttactgct	840
287 gacacttgg	tccagatgtt	gagtttcca	ctggcctatg	gacttcca	gctgatagat	900
288 ggatttctta	ttgttgcagc	atatcagacg	tacaagagga	gattgaagaa	caaacatgg	960

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 06/29/2006
PATENT APPLICATION: US/10/501,566B TIME: 15:03:41

Input Set : A:\3015US0P.SEQ.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:116; N Pos. 811,812

VERIFICATION SUMMARY

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L:2323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:116 after pos.:780